

It is guaranteed to work.

No matter how badly your cube is scrambled, this solution provides every step from beginning to end to restore it to solid colors on all 6 faces. Every step is provided in an easy-to-follow sequence. The solution does not involve aimless moves, nor is it necessary that the cube be half solved to begin making moves.

It offers clear and steady progress.

The solution starts with the top face (which you choose) and proceeds steadily to the bottom face. This solution has been designed so that very little of the previously completed portion of the cube need be disturbed to proceed. In other words, after you have completed one face, you will need to disturb very little of it to continue, and then only temporarily.

In general, no more than two previously placed cubes will be more than one move away from their proper position. It is, however, very important to the solution that you realize (and accept) the fact that temporary disruption of hard-won progress is necessary. Indeed, it is probably the most difficult aspect of solving the cube for the first time.

It presents few and uncomplicated decisions.

At some of the steps in the solution, it is necessary to make decisions in order to proceed to the correct next step. This solution has been designed so that these decisions are as few and uncomplicated as possible. When such decisions are necessary, illustrations are frequently used to facilitate understanding. You will have to match the pattern of colors that occur on your cube to one of several illustrated patterns in order to decide on the next step.

It allows for error.

The sequences of moves are designed so that if you made an error (such as turning a face the wrong way, getting lost in a sequence of moves, or even dropping the cube in the midst of a sequence) you will only have to retreat one step instead of starting over. It is very frustrating to discover at the last step of a solution that the cube is as badly scrambled as it was when you started. Correcting an error is made easy because so little of the previously completed parts of the cube are disturbed. This book provides sequences of moves that are designed to deal with the most common errors.

It features easy-to-memorize sequences of moves.

It is possible to solve any starting arrangement of the cube by a few similar sequences of moves. It is easy to get used to these moves. They consist of similar sets of 3 to 5 face turns that are done repeatedly.

The required moves are set in **bold face** and are designated with a double asterisk (**) throughout. This makes memorizing the solution simpler. (Impress your friends!)

It is independent of color.

This solution is not coded by the colors of the faces. It will therefore work no matter what the 6 colors are on your cube and how they are distributed on the 6 faces. It would be nice to present a solution that read: "turn the orange face, then turn the red face," etc. However, there are various manufacturers of these cubes, and they all choose either different colors for the 6 faces or different distributions of these colors. (For example, orange is not next to yellow on all cubes.) There are 30 different ways of distributing 6 colors on the 6 faces of a cube.